

To: Smith, Art[Smith.Art@epa.gov]
From: Rengao Song
Sent: Fri 1/24/2014 8:37:23 PM
Subject: FW: Someone has sent you a message from Manufacturing . net

FYI

From: Rengao Song
Sent: Thursday, January 23, 2014 2:59 PM
To: Eric Zhu; Chris Bobay; Mark Campbell; Water Quality Compliance
Subject: FW: Someone has sent you a message from Manufacturing . net

This is why we are good at treating water!

From: Rengao Song
Sent: Wednesday, January 22, 2014 4:57 PM
To: Spencer Bruce
Cc: Kelley Dearing-Smith; Jim Brammell; Jack Wang
Subject: RE: Someone has sent you a message from Manufacturing . net

Not at all, Spencer. Here are WHYs:

1. The 2nd chemical PPH level is ~ 15 X lower in comparison to MCHM. So the peak concentrations at Ohio River near Zorn can only be around 0.25 ~ppb. Both chemical levels had been significantly reduced due to dilution and dispersion.
2. We applied carbon 15 hours before the head of the spill reached Louisville and continued to apply carbon ~50 hours after the spill passed Louisville. The decision of this treatment strategy was based on several considerations including the removal of any residual effects from the spill such as impurities like PPH.
3. PPH should be easier to be removed by activated carbon than MCHM from the structure and property points of view. Therefore, if we have NO detections of MCHM, there should be NO detections of PPH in our finished water..

In summary, since there have been NO detections of MCHM and other impurities from this spill, there is NO exposure potential. As a result, there is NO risk to customers since RISK is a function of both toxicity potential and exposure potential.

Thank you.

Rengao

From: Spencer Bruce
Sent: Wednesday, January 22, 2014 4:10 PM
To: Rengao Song
Cc: Kelley Dearing-Smith; Jim Brammell; Jack Wang

Subject: FW: Someone has sent you a message from Manufacturing . net

Rengao,

Any concerns with the chemical mentioned in the article below?

From: comments@manufacturing.net [mailto:comments@manufacturing.net]

Sent: Wednesday, January 22, 2014 4:07 PM

To: Spencer Bruce

Subject: Someone has sent you a message from Manufacturing . net

Message from sender:

Past now but interesting. Reango did the lab find that other chemical in the water?

Published on *Manufacturing . net* (<http://www.manufacturing.net>)

[Home](#) > State: 2nd Chemical From Tank Spilled In W.Va. River

State: 2nd Chemical From Tank Spilled In W.Va. River

CHARLESTON, W.Va. (AP) -- A second chemical was released during a spill that contaminated the water supply for 300,000 West Virginians, state officials said Wednesday, though the newly identified substance appears to be less toxic than the coal-cleaning agent already known to have leaked.

State regulators sharply criticized the company at the center of the Jan. 9 spill for failing to report the presence of the second chemical and ordered them to disclose everything that leaked into the Elk River from their storage tank by 4 p.m. Wednesday.

Source URL (retrieved on 01/22/2014 - 4:06pm):

<http://www.manufacturing.net/news/2014/01/state-2nd-chemical-from-tank-spilled-in-wva-river?location=top>